BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

DRAFT TENDER SCHEDULE –'B'

Item No:
Original / Duplicate

Name of Work:- Drilling of borewells and providing pipeline in ward no -04, Yelahanka Division

Sl	Description	Unit	Approved Qty	Approved Rate	Rates in words
1	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction (P.30, I. 9.4) PRED.SR 2012-13	Each BW	5	1938.46	Rupees One Thousand Nine Hundred Thirty Eight and Paise Forty Six Only
2	Sinking Borewell of 165mm dia clear, using fast rig in all strata including over-burden upto 20mts. Fixing of casing Pipes, collars and cap with necessary cutting and threading including, transportation of Rig and supporting vehicle, crew charge and cost of consumbles, etc, complete including yield testing at the final depth with a minimum woring of compressor for one hour. (excluding cost of casing pipes, collars and cap, etc.)				
	a) 0.00 to50.00 Mtr	Rmtr	250.00	315.18	Rupees Three Hundred Fifteen and Paise Eighteen Only
	b) 50.00 to 100.00 Mtr	Rmtr	250.00	412.00	Rupees Four Hundred Twelve Only

Sl	Description	Unit	Approved Qty	Approved Rate	Rates in words
	c) 100.00 to 150.00 Mtr	Rmtr	250.00	458.35	Rupees Four Hundred Fifty Eight and Paise Thirty Five Only
	d) 150.00 to 200.00 Mtr	Rmtr	250.00	484.10	Rupees Four Hundred Eighty Four and Paise Ten Only
	e) 200.00 to 250.00 Mtr	Rmtr	250.00	560.32	Rupees Five Hundred Sixty and Paise Thirty Two Only
	e) 250.00 to 300.00 Mtr	Rmtr	250.00	600.49	Rupees Six Hundred and Paise Forty Nine Only
3	Supply of ISI Mark 175mm nominal Bore, Plain end steel casing Pipe grade of steel Fee 4100 of wall thickness 5mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel electric or basic oxygen process in fandom length of 5 to 7mtr. Both ends threaded confirming to Is554/1985 one end fixed with socket confirming to IS 270:2001 and other end with screwed pipes. All pipes shall be reasonably free from defectes. The tubes shall be resonably straigth should be with ISI Marking Weighting 25.10 kg/mtr (Inclusive of all taxes and durties) Prices include Collar - medium duty.PRED III NO 84	Rmtr	300.00	1364.75	Rupees One Thousand Three Hundred Sixty Four and Paise Seventy Five Only
	Providing and fixing 250mm dia PVC pipe and as per specification and directions. (BWSSB SR 13-14, P.No.53 I.no.1 of sl.no.11.)	Rmtr	50.00	1133.00	Rupees One Thousand One Hundred Thirty Three Only
	175 mm dia M.S. Casing cap (P.NO-III, I.NO-85, PRED 12-13 SR)	Each	5.00	103.00	Rupees One Hundred Three Only
	M.S. Casing pipe collars 'C' Class (P.NO-III, I.NO-86, PRED 12-13 SR)	Each	45.00	154.50	Rupees One Hundred Fifty Four and Paise Fifty Only

Sl	Description	Unit	Approved Qty	Approved Rate	Rates in words
5	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings. PAGE NO XLII PWD SR 2018-19	Nos	5.00	72126.00	Rupees Seventy Two Thousand One Hundred Twenty Six Only
6	Providing, laying & jointing GI pipes confirming to IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with cuts threads using white lead & threads for joints wherever necessary as per direction including all lead & lift etc,. complete 'A' grade(excluding cost of fittings) 50mm dia GI pipe (SR 18-19 PWD, P.No.XIX Sl.no. 499 Code No. 0154)	Rmtr	1500.00	279.66	Rupees Two Hundred Seventy Nine and Paise Sixty Six Only
7	Providing & fixing heavy duty collar (P.NO-III, I.NO-86, PRED 12-13 SR)	Nos	250.00	154.50	Rupees One Hundred Fifty Four and Paise Fifty Only
8	Supplying and drawing 3 core PVC Sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS: 8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 volts Ap No. 12/I No. (2.104) 3C X 6.0 Sqm KPWD Electrical SR 2014-15	Mtr	3000.00	188.70	Rupees One Hundred Eighty Eight and Paise Seventy Only

Sl	Description	Unit	Approved Qty	Approved Rate	Rates in words
9	Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door , canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc,. completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above 6.50 HP to 17.50 HP with star delta starter (MR)	No.	5.00	14800.00	Rupees Fourteen Thousand Eight Hundred Only
10	Fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better hear description, (providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc,. complete box of 21600 sq cm (P.NO-530, I.NO-39 b, BWSSB SR 13-14)	Sqm	110000.00	0.34	Rupees and Paise Thirty Four Only
11	Providing & Fixing of clamps set and borewell cap to the pump (MR)	No's	5.00	690.00	Rupees Six Hundred Ninety Only
12	Supplying & delivery of brand new best make non return valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark (50mm Gate wheel Valve. (PWD SR 18-19, P.NO.XXV, Sl.no, 647 Code No. 0126)	No's	15.00	1016.95	Rupees One Thousand Sixteen and Paise Ninety Five Only
13	Supplying and delivery of brand new best make Gate Valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark . 50mm Gate Valve for distributer pipeline. 50mm dia (PWD SR 18-19, P.NO.XXVI, Sl.no, 661 Code No. 0164)	No's	15.00	1398.31	Rupees One Thousand Three Hundred Ninety Eight and Paise Thirty One Only

Sl	Description	Unit	Approved Qty	Approved Rate	Rates in words
14	Labour charges for erection of new /repaired submersible pumpset along with GI pipes (32/50mm) cable (new submersible pumpset if required will be supplied by the department free of cost and released pump set should be handed over to department) including transportation (each length = 6.00m) (P.No - 564, I.No - 3, BWSSB SR 13-14)	Per length	225.00	90.64	Rupees Ninety and Paise Sixty Four Only
15	Erection of combined panel board meter board with all necessary materials and labour including providing CC 1:3:6 foundation bed etc,. Complete for basement out door type. (MR)	No's	5.00	475.00	Rupees Four Hundred Seventy Five Only
16	Supplying and fixing miniature circuit breakers/isolators in existing MCB distribution boards using necessary fixing materials and wiring complete as required, 40 to 63 Amps DP (P.NO - 526, I.NO - 13D (a), BWSSB SR 13-14)	No's	5.00	906.40	Rupees Nine Hundred Six and Paise Forty Only
17	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete.... P No. 32/I No 3b KPWD Electrical SR 2010-11	No.	15.00	150.00	Rupees One Hundred Fifty Only
18	Supplying and laying of L.T.U.G Cable having aluminiumconductor PVC insulated shethed galvanised steel wire/ steel tape armoured cable with PVC outer sheathing 1.1 KV class 4 core 16 sqmm cable (confirming to IS 1554) (P.NO - 553, I.NO - 10 (d), BWSSB SR 13-14)	Mtr	140.00	169.95	Rupees One Hundred Sixty Nine and Paise Ninety Five Only
19	Digging of trenches of 0.6mm x 0.50 Mtrs wide refilling the trench to the required ground level and consolidating etc,. Complete sutting road surfaces (P.NO - 554, I.NO - 12 (b), BWSSB SR 13-14)	Mtr	140.00	56.65	Rupees Fifty Six and Paise Sixty Five Only
20	Supplying and fixing Class-A GI Pipe on pole/ wall/drain crossing with necessary clamping arrangements for UG Cable of 1.1 KV class 40mm (P.NO - 555, I.NO - 15 (b), BWSSB SR 13-14)	Mtr	15.00	294.58	Rupees Two Hundred Ninety Four and Paise Fifty Eight Only

Sl	Description	Unit	Approved Qty	Approved Rate	Rates in words
21	Supplying and fixing wiring earth electrode for grounding conduits, IC cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit,/ the pit should be filled with equal proportion of salt and charocal 150 mm alround the pipe to complete depth the connections from the pipe to the conduit etc,. is to be established though GI wire of size as per ISI specification 7.3.3 of ISI 732 using 12mm dia boalts, nuts washers and checknuts etc,. the pipe shall have 16 through holes of 122mm dia (P.NO - 552, I.NO - 7 , BWSSB SR 13-14)	No's	5.00	1699.50	Rupees One Thousand Six Hundred Ninety Nine and Paise Fifty Only
22	Supply and fixing LT cast iron pot heads suitable for 1.1 KV class 16 sqmmUG cable filled with necessary bitumen/ insulating compound complete with terminals, clamps, bolts nuts and washers etc, (P.NO - 555, I.NO - 16 (b) , BWSSB SR 13-14)	No's	5.00	271.92	Rupees Two Hundred Seventy One and Paise Ninety Two Only
23	Providing and fixing Gun Metal Gate wheel valve confirming to IS specification of approved make as per direction including all lead and lift etc,. Complete. 50mm dia (P.NO - 97, I.NO - 13.79.6, PWD SR 18-19)	No's	15.00	778.04	Rupees Seven Hundred Seventy Eight and Paise Four Only
24	Supplying and fixing of polished wood board made of not less than 15mm thick plank on both sides with planks made out on not more than 2 pieces and fixing the same to wall using tapered inverted wooden plugs screws etc., Size 20 x 20 x 2.5 inches (P.NO - 521, I.NO - 2 (f), BWSSB SR 13-14)	No's	5.00	311.58	Rupees Three Hundred Eleven and Paise Fifty Eight Only
25	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in Ordinary soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications (P.NO - 6, I.NO - 2.3, PWD SR 18-19)	Cum	405.00	316.94	Rupees Three Hundred Sixteen and Paise Ninety Four Only

Sl	Description	Unit	Approved Qty	Approved Rate	Rates in words
26	Providing and installing at site of work 63mm (0.662) PVC Pipes of 6 kg / cm2 including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete (P.NO - 94, I.NO - 13.73.2, PWD SR 18-19)	Mtr	900.00	394.32	Rupees Three Hundred Ninety Four and Paise Thirty Two Only
	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 Page No. 155/ Item No. 20.18/ PWD SR 2018-19	Cum	81.00	2001.28	Rupees Two Thousand One and Paise Twenty Eight Only
	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications (P.NO - 7, I.NO - 2.11, PWD SR 18-19)	Cum	270.00	128.26	Rupees One Hundred Twenty Eight and Paise Twenty Six Only

"DTS Approved"

Executive Engineer,
Yelahanka Division,
BBMP, Bangalore.

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